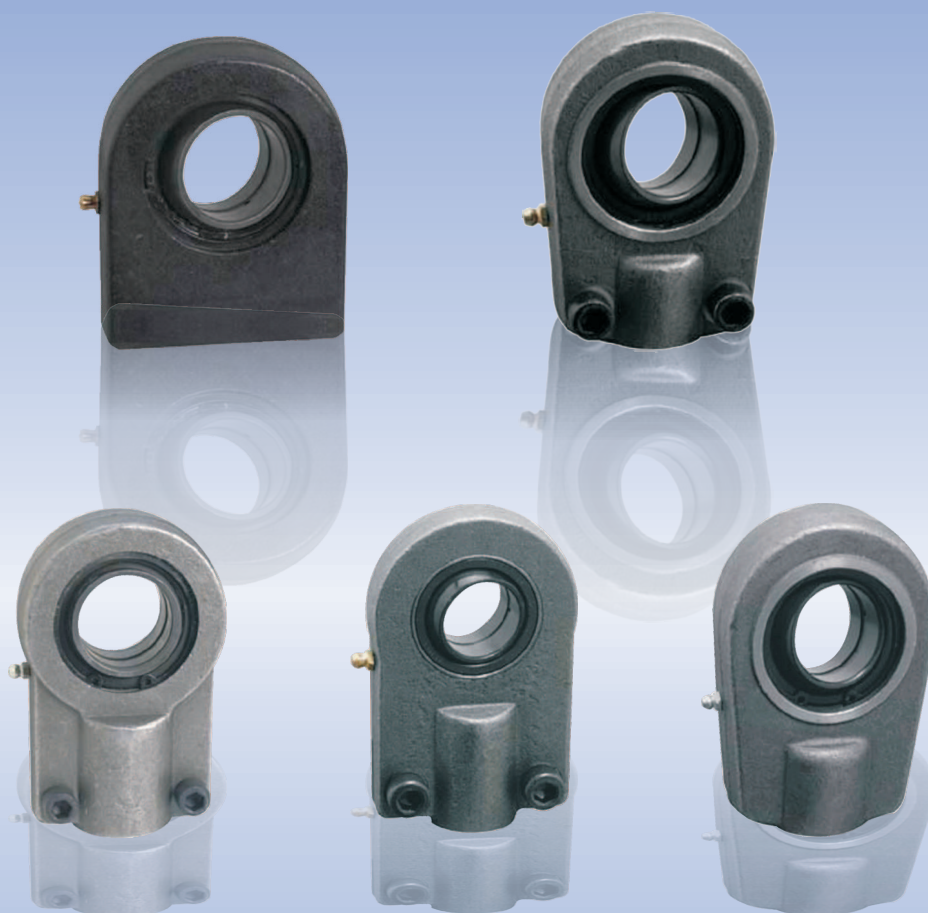


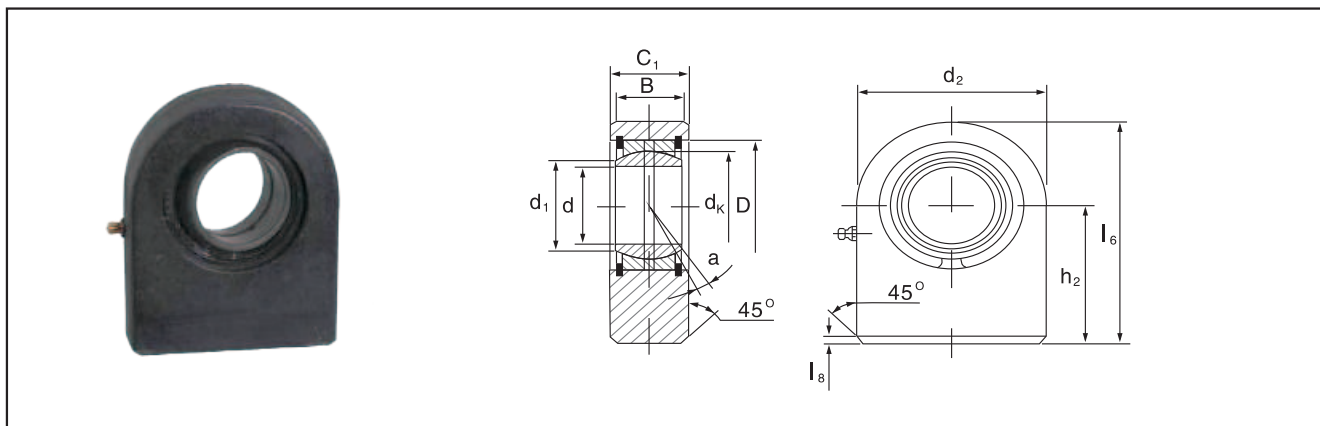


Main Application:

Industrial equipment
Hydraulic equipment
Agricultural equipment

Rod ends for hydraulic components GF..DO

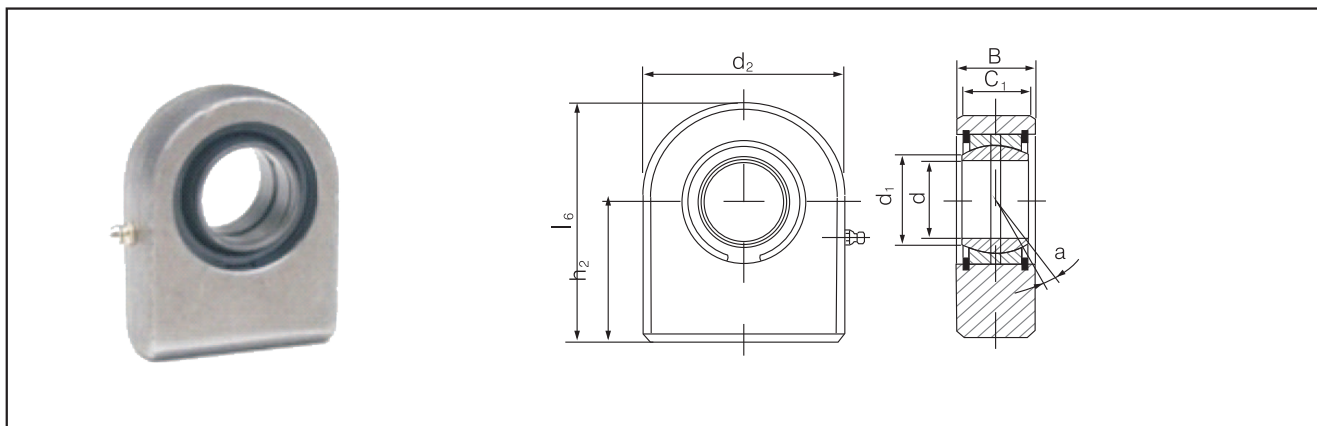
Maintenance required



Part No.	Dimensions mm										Load ratings kN		Weight kg
	d	B	C ₁	d ₂	L ₆	L ₈	h ₂	d _k	d ₁	D	dyn	stat	
											c	c ₀	
GF20DO	20	16	19	50	63	2	38	29	24.2	35	30.0	67.0	0.35
GF25DO	25	20	23	55	72.5	2	45	35.5	29.3	42	48.0	69.5	0.53
GF30DO	30	22	28	65	83.5	2	51	40.7	34.2	47	62.0	118	0.87
GF35DO	35	25	30	83	102.5	2	61	47	39.8	55	80.0	196	1.50
GF40DO	40	28	35	100	119	3	69	53	45.0	62	100	300	2.40
GF45DO	45	32	40	110	132	3	77	60	50.8	68	127	380	3.40
GF50DO	50	35	40	123	149.5	3	88	66	55.9	75	156	440	4.40
GF60DO	60	44	50	140	170	4	100	80	66.8	90	245	570	7.10
GF70DO	70	49	55	164	197	4	115	92	77.9	105	315	695	10.5
GF80DO	80	55	60	180	231	4	141	105	89.4	120	400	780	15.0
GF90DO	90	60	65	226	263	4	150	115	98.1	130	490	1340	23.5
GF100DO	100	70	70	250	295	4	170	130	109.5	150	610	1500	31.5
GF110DO	110	70	80	295	332.5	4	185	140	121.2	160	655	2160	48.5
GF120DO	120	85	90	360	390	4	210	160	135.5	180	950	3250	79.0

- Rod end housing with right or left–hand female thread.
- It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
- Rod end housing with a lubricating hole or grease nipple.
- Sealed design also available, e.g. GF 70 DO 2RS.

Rod ends for hydraulic components GF..LO

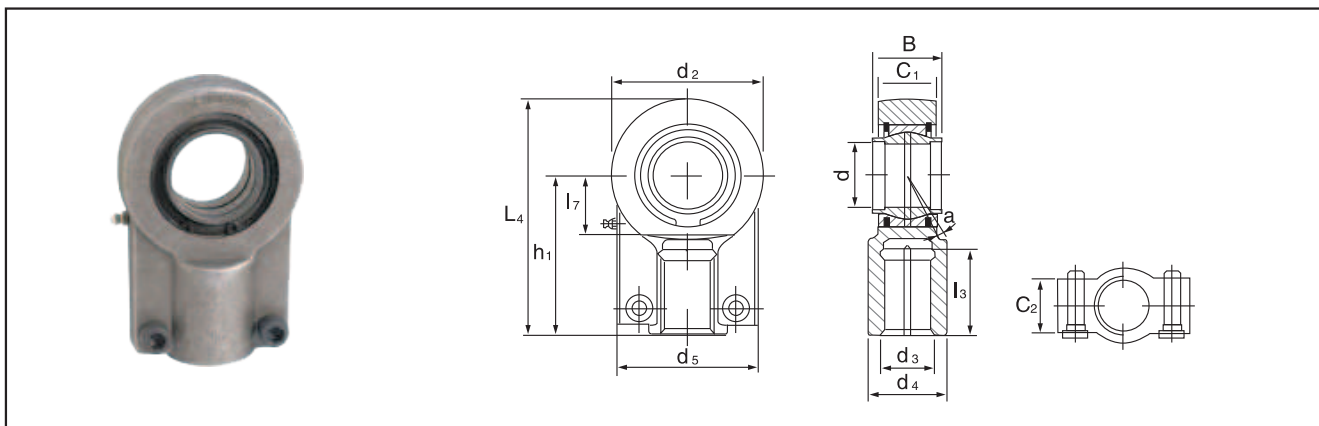


Part No.	Dimensions mm								Load ratings kN		Weight kg
	d	B	C ₁	d ₂	L ₆	h ₂	d ₁	a	dyn	stat	
								≈	c	c ₀	
GF20LO	20	20	19	50	63	38	25	4	30	74	0.36
GF25LO	25	25	23	55	72.5	45	30.5	4	48	95	0.54
GF32LO	32	32	27	70	100	65	38	4	62.5	168	1.12
GF40LO	40	40	35	100	119	69	46	4	100	268	2.50
GF50LO	50	50	40	123	149.5	88	57	4	156	362	4.60
GF63LO	63	63	50	145	179.5	107	71.5	4	248	570	9.30
GF70LO	70	70	55	164	197	115	79	4	315	800	11.25
GF80LO	80	80	60	180	231	141	91	4	400	874	15.75
GF90LO	90	90	65	226	263	150	99	4	490	1045	24.00
GF100LO	100	100	70	250	295	170	113	4	610	1330	33.95
GF110LO	110	110	80	295	332.5	185	124	4	655	1490	49.00

- Rod end housing with right or left-hand female thread.
- It is made up of a radial spherical plain bearing GE..LO and rod end housing.
- Rod end housing with a lubricating hole or grease nipple.
- Sealed design also available, e.g. GF 70L HO 2RS.

Rod ends for hydraulic components GIHN-K..LO

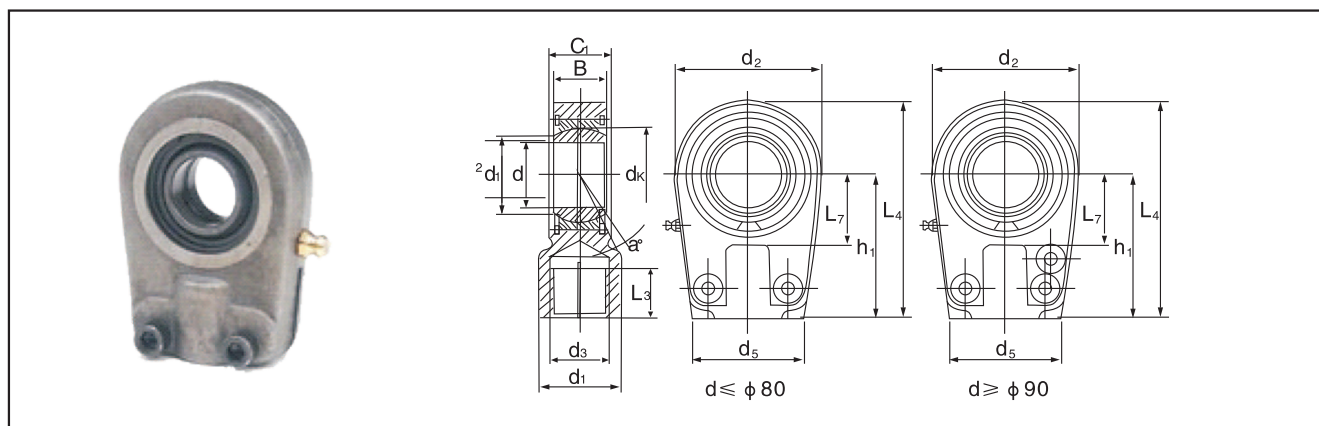
Maintenance required, with female thread and locking nuts



Part No.	Dimensions mm												Load ratings kN		Weight kg
	d	d ₃	d ₄	L ₃	B	C ₁	d ₂	L ₇	h ₁	L ₄	d ₅	C ₂	dyn	stat	
		6H		min				min					C	C ₀	
GIHN-K12LO*	12	M12x1.25	16.5	17	12	11	32	14	38	54	32	11	10.8	24.5	0.10
GIHN-K16LO	16	M14x1.5	21	19	16	14	40	18	44	64	40	14	17.6	36.5	0.20
GIHN-K20LO	20	M16x1.5	25	23	20	17	47	22	52	77	47	17	30.0	48.0	0.40
GIHN-K25LO	25	M20x1.5	30	29	25	22	58	27	65	96	54	19	48.0	78.0	0.66
GIHN-K32LO	32	M27x2.0	38	37	32	28	71	32	80	118.5	66	22	67.0	114	1.20
GIHN-K40LO	40	M33x2.0	47	46	40	33	90	41	97	146	80	26	100	204	2.10
GIHN-K50LO	50	M42x2.0	58	57	50	41	109	50	120	179.5	96	32	156	310	4.40
GIHN-K63LO	63	M48x2.0	70	64	63	53	136	62	140	213	114	38	255	430	7.60
GIHN-K70LO	70	M56x2.0	80	76	70	57	155	70	160	245	135	42	315	540	9.50
GIHN-K80LO	80	M64x3.0	90	86	80	66	168	78	180	270	148	48	400	695	14.5
GIHN-K90LO	90	M72x3.0	100	91	90	72	185	85	195	296	160	52	490	750	17.0
GIHN-K100LO	100	M80x3.0	110	96	100	84	210	98	210	322	178	62	610	1060	28.0
GIHN-K110LO	110	M90x3.0	125	106	110	88	235	105	235	364	190	62	655	1200	32.0
GIHN-K125LO	125	M100x3.0	135	113	125	102	260	120	260	405	200	72	950	1430	43.0

- Rod end housing with right or left–hand female thread.
- It is made up of a radial spherical plain bearing GE..LO and rod end housing.
- With locking slot and nut.
- Rod end housing with a lubricating hole or grease nipple.
- For left–hand thread, please add suffix "L" to bearing number, e.g. GIHN-KL 12 LO.
- Relubrication not possible for the size marked "*".

Rod ends for hydraulic components GIHR-K..DO

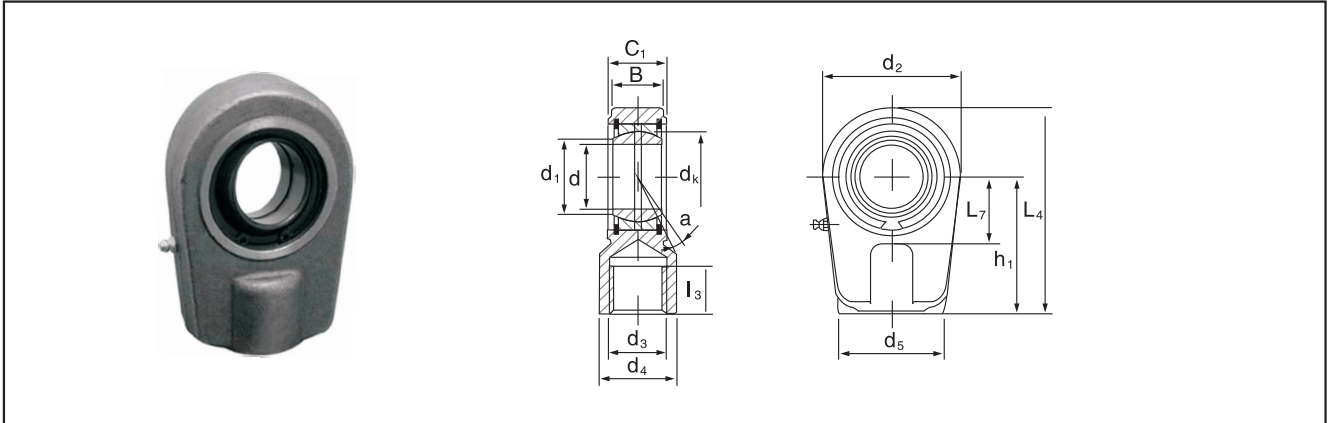


Part No.	Dimensions mm														Load ratings kN		Weight kg
	d	d ₃	d ₄	L ₃	B	C ₁	d ₂	L ₇	h ₁	L ₄	d ₅	d ₁	d _k	a	dyn	stat	
		6H		min				min						≈	C	C ₀	
GIHR-K20DO	20	M16x1.5	25	17	16	19	56	25	50	80	46	24.2	29	9	30.0	72.0	0.43
GIHR-K25DO	25	M16x1.5	25	17	20	23	56	28	50	80	46	29.3	35.5	7	48.0	72.0	0.48
GIHR-K30DO	30	M22x1.5	32	23	22	28	64	30	60	94	50	34.2	40.7	6	62.0	106	0.74
GIHR-K35DO	35	M28x1.5	40	29	25	30	78	38	70	112	66	39.8	47	6	80.0	153	1.20
GIHR-K40DO	40	M35x1.5	49	36	28	35	94	45	85	135	76	45.0	53	7	100	250	2.00
GIHR-K50DO	50	M45x1.5	61	46	35	40	116	55	105	168	90	55.9	66	6	156	365	3.80
GIHR-K60DO	60	M58x1.5	75	59	44	50	130	65	130	200	120	66.8	80	6	245	400	5.40
GIHR-K70DO	70	M65x1.5	86	66	49	55	154	75	150	237	130	77.9	92	6	315	540	8.50
GIHR-K80DO	80	M80x2.0	105	81	55	60	176	80	170	265	160	89.4	105	6	400	670	12.0
GIHR-K90DO	90	M100x2.0	124	101	60	65	206	90	210	323	180	98.1	115	5	490	980	21.5
GIHR-K100DO	100	M110x2.0	138	111	70	70	230	105	235	360	200	109.5	130	7	610	1120	27.5
GIHR-K110DO	110	M120x3.0	152	125	70	80	265	115	265	407.5	220	121.2	140	6	655	1700	40.5
GIHR-K120DO	120	M130x3.0	172	135	85	90	340	140	310	490	257	135.5	160	6	950	2900	76.0

- Rod end housing with right or left–hand female thread.
- It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
- With locking slot and nut.
- Rod end housing with a lubricating hole or grease nipple.
- For left–hand thread, please add suffix "L" is added to bearing number, e.g. GIHL–K 30 DO.

Rod ends for hydraulic components GIHR..DO

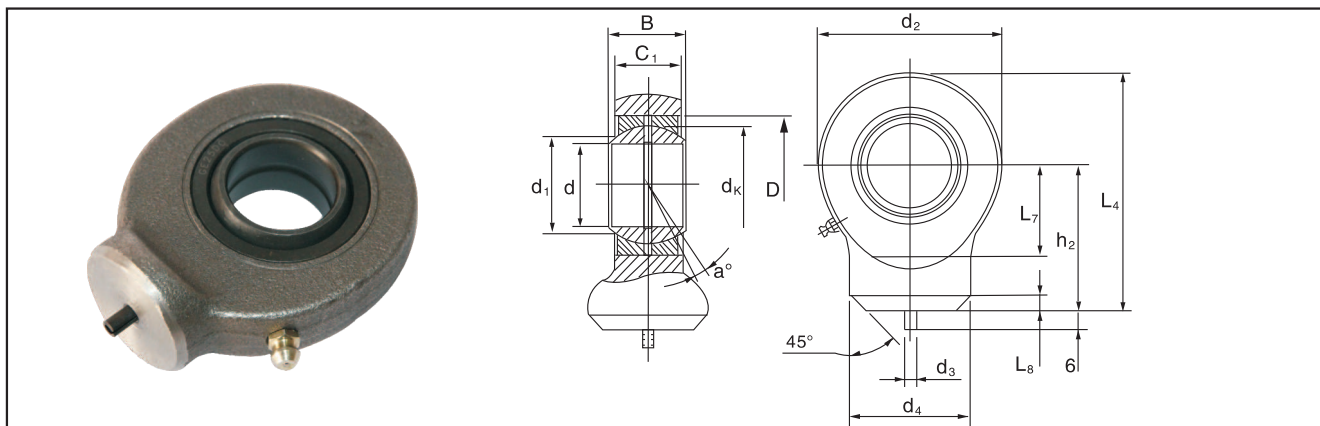
Maintenance required, with female thread



Part No.	Dimensions mm														Load ratings kN		Weight kg
	d	d ₃	d ₄	L ₃	B	C ₁	d ₂	L ₇	h ₁	L ₄	d ₅	d ₁	C ₂	a	dyn	stat	
		6H		min				min						≈	C	C ₀	
GIHR20DO	20	M16x1.5	25	17	16	19	56	25	50	80	46	24.2	29	9	30.0	72.0	0.43
GIHR25DO	25	M16x1.5	25	17	20	23	56	28	50	80	46	29.3	35.5	7	48.0	72.0	0.48
GIHR30DO	30	M22x1.5	32	23	22	28	64	30	60	94	50	34.2	40.7	6	62.0	106	0.74
GIHR35DO	35	M28x1.5	40	29	25	30	78	38	70	112	66	39.8	47	6	80.0	153	1.20
GIHR40DO	40	M35x1.5	49	36	28	35	94	45	85	135	76	45.0	53	7	100	250	2.00
GIHR50DO	50	M45x1.5	61	46	35	40	116	55	105	168	90	55.9	66	6	156	365	3.80
GIHR60DO	60	M58x1.5	75	59	44	50	130	65	130	200	120	66.8	80	6	245	400	5.40
GIHR70DO	70	M65x1.5	86	66	49	55	154	75	150	237	130	77.9	92	6	315	540	8.50
GIHR80DO	80	M80x2.0	105	81	55	60	176	80	170	265	160	89.4	105	6	400	670	12.0
GIHR90DO	90	M100x2.0	124	101	60	65	206	90	210	323	180	98.1	115	5	490	980	21.5
GIHR100DO	100	M110x2.0	138	111	70	70	230	105	235	360	200	109.5	130	7	610	1120	27.5
GIHR110DO	110	M120x3.0	152	125	70	80	265	115	265	407.5	220	121.2	140	6	655	1700	40.5
GIHR120DO	120	M130x3.0	172	135	85	90	340	140	310	490	257	135.5	160	6	950	2900	76.0

- Rod end housing with right or left–hand female thread.
- It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
- Rod end housing with a lubricating hole or grease nipple.
- For left–hand thread ,please add suffix "L" to bearing number,e.g.GIHL 40 DO.

Rod ends for hydraulic components GK..DO



Part No	Dimensions mm															Load ratings kN		Weight kg
	d	d ₃	d ₄	B	C ₁	d ₂	L ₇	L ₈	h ₂	L ₄	d _k	d ₁	D	a	dyn	stat		
							min							≈	C	C ₀		
GK10DO*	10	3	38.5	9	7	29	15	1.5	24	38.5	16	13.2	19	12	8.15	15.6	0.041	
GK12DO	12	3	44	10	8	34	18	1.5	27	44	18	15.0	22	11	10.8	21.6	0.066	
GK15DO	15	4	51	12	10	40	20	2.0	31	51	22	18.4	26	8	17.0	32.0	0.12	
GK17DO	17	4	58	14	11	46	23	2.0	35	58	25	20.7	30	10	21.2	40.0	0.19	
GK20DO	20	4	64.5	16	13	53	27.5	2.0	38	64.5	29	24.2	35	9	30.0	54.0	0.23	
GK25DO	25	4	77	20	17	64	33	3.0	45	77	35.5	29.3	42	7	48.0	72.0	0.43	
GK30DO	30	4	87.5	22	19	73	37.5	3.0	51	87.5	40.7	34.2	47	6	62.0	95.0	0.64	
GK35DO	35	4	102	25	21	82	43	3.0	61	102	47	39.8	55	6	80.0	125	0.96	
GK40DO	40	4	115	28	23	92	48	4.0	69	115	53	45.0	62	7	100	156	1.30	
GK45DO	45	6	128	32	27	102	52	4.0	77	128	60	50.8	68	7	127	208	1.80	
GK50DO	50	6	144	35	30	112	59	4.0	88	144	66	55.9	75	6	156	250	2.50	
GK60DO	60	6	167.5	44	38	135	72.5	4.0	100	167.5	80	66.8	90	6	245	390	3.90	
GK70DO	70	6	195	49	42	160	86	5.0	115	195	92	77.9	105	6	315	510	6.60	
GK80DO	80	6	231	55	47	180	98	5.0	141	231	105	89.4	120	6	400	620	8.70	

- Rod end housing with right or left-hand female thread.
- It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.
- Rod end housing with a lubricating hole or grease nipple.
- Sealed design also available, e.g. GK 50 DO 2RS.
- Relubrication not possible for the size marked "*".